

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claim 1 (canceled)**

1           **Claim 2 (currently amended):** A magnetron according to  
2   claim [[1]]7,  
3           wherein frequency characteristics of said high-  
4   frequency absorbing members of said first and second core  
5   type inductors are different from each other.

1           **Claim 3 (currently amended):** A magnetron according to  
2   claim [[1]]7, wherein one of said first and second core  
3   type inductors is formed with a high-density wound type  
4   choke coil, and the other is formed with a low-density  
5   wound type choke coil.

1           **Claim 4 (currently amended):** A magnetron according to  
2   claim [[1]]7, wherein lengths of said first and second core  
3   type inductors are different from each other.

1           **Claim 5 (currently amended):** A magnetron according to  
2   claim [[1]]7, wherein said high-frequency absorbing members  
3   located within said windings of said first and second core  
4   type inductors are connected via an insulating material

5 located on a position corresponding to said gap presented  
6 between said first and the second core type inductors.

1 **Claim 6 (previously presented):** A magnetron  
2 comprising a choke coil connected between a cathode  
3 terminal and a capacitor, and cooperating with said  
4 capacitor to form an LC filter circuit,

5 wherein said choke coil includes first and second core  
6 type inductors having respectively bar-like high-frequency  
7 absorbing members located within windings thereof, an air-  
8 core inductor not having a high-frequency absorbing member  
9 and connected to said cathode terminal;

10 said first core type inductor, said second core type  
11 inductor and said air-core inductor are connected in  
12 series, and;

13 said first core type inductor and said second core  
14 type inductor are arranged via a gap having a width within  
15 1mm to 6mm;

16 wherein said high-frequency absorbing members located  
17 within said windings of said first and second core type  
18 inductors are connected via an insulating material located  
19 on a position corresponding to said gap presented between  
20 said first and the second core type inductors;

21 wherein said insulating material is made of a silicone  
22 rubber based material.

1           **Claim 7 (previously presented):**       A magnetron  
2     comprising a choke coil connected between a cathode  
3     terminal and a capacitor, and cooperating with said  
4     capacitor to form an LC filter circuit,

5           wherein said choke coil includes first and second core  
6     type inductors having respectively bar-like high-frequency  
7     absorbing members located within windings thereof, an air-  
8     core inductor not having a high-frequency absorbing member  
9     and connected to said cathode terminal;

10           said first core type inductor, said second core type  
11     inductor and said air-core inductor are connected in  
12     series, and;

13           ~~said first core type inductor and said second core~~  
14     ~~type inductor are arranged via a gap having a width within~~  
15     ~~1mm to 6mm,~~

16           wherein ~~[[said ]]~~a first high-frequency absorbing  
17     ~~members of member provided in said first core type inductor~~  
18     and a second high-frequency absorbing member provided in  
19     said second core type inductors inductor are fixed within  
20     said windings of the first and second core type inductors  
21     by fixing means made of a silicone rubber based adhesive;

22           said first high-frequency absorbing member and said  
23     second high-frequency absorbing member are arranged via a  
24     gap having a width within 1mm to 6mm.

1           **Claim 8 (currently amended):** A choke coil, for being  
2     connected between a cathode terminal and a capacitor, and  
3     cooperating with said capacitor to form an LC filter  
4     circuit of a magnetron, comprising;

5           first and second core type inductors having  
6     respectively bar-like high-frequency absorbing members  
7     located within windings thereof by fixing means made of a  
8     silicon rubber based adhesive, [[ and]]

9           an air-core inductor not having a high-frequency  
10    absorbing member and connected to said cathode terminal,

11          wherein said first core type inductor, said second  
12    core type inductor and said air-core inductor are connected  
13    in series and said second core type inductor is between  
14    said first core type inductor and said air-core inductor,  
15    and

16          a first high frequency absorbing member of said first  
17    core type inductor and a second high frequency absorbing  
18    member of said second core type inductor are connected via  
19    a gap having a width within 1mm to 6mm.